

1st and Final bill

Name of work: Construction of cc roads and drains at LBS nagara in ward no-04

Work Order No: EE (Project) YNK Zone/ W.o/ 81 /2017-18 dt: 18-12-2017.

JOB NUMBER: 004-18-000008

Estimate Cost: 50.00 lakhs

As No: BBMP / EE / Project/YNK.Z/AA/52/2017-18 dt 9-10-2017.

Ts No : BBMP / CE/YNK.Z/TS/238/2017-18 dt 10-10-2017.

Name of Contractor : Sri R Subramani.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing BS Slab of drain and Stacking (Page No 25., I.No.5.32 of KPWD S.R 2016-17).	Sqm							
	Premeasument Recorded vide excel sheet page no (1)						227.70		
							227.70	69.12	15739.00
2	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3). (Page No 25., I.No.5.33 of KPWD S.R 2016-17)	Sqm							
	Premeasument Recorded vide excel sheet page no (1)						227.70		
							227.70	84.56	19254.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5cm thick (Page No 25., I.No.5.31.1 of KPWD	Sqm							
	left side		1	10.00	1.65		16.50		
			1	15.00	1.65		24.75		
	right side		1	12.00	1.65		19.80		
			1	9.00	1.65		14.85		
							75.90	698.25	52997.00

Asst. Executive Engineer

Project Division

Velahanka Zone

Bangalore

Page 1 of 5

Ramangeem's se
4/02/18

SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No142., I.No.19.1 of KPWD S.R 2016-17).	Cum.							
	Premeasument Recorded vide excel sheet page no 1 to 2						552.29	91.93	50772.00
5	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum							
	Qty as in item no 1 and 2						552.29	89.56	49463.00
7	KSRRB M300-53: construction of embankment with approved material gravel/murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2016-17	cum							
	Premeasument Recorded vide excel sheet page no 2								
							229.64	336.12	77187.00

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading- II Material (Page No 155, I.No.20.4.2 of KPWD S.R 2016-17).	cum							
	Premeasurement Recorded vide excel sheet page no 3						154.40	1748.89	270029-
9	KSRRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.2 (P.12/I.4.2)/ PWD SR 2016-17	Cum							270020.00
	Premeasurement Recorded vide excel sheet page no 3						154.40	5616.17	867137-
							154.40	5616.17	867109.00

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1. M20 cement concrete unreinforced plain 2. concrete pavement, thickness as per drawing over a prepared sub base with 150mm cement or any other type as per drawing 3. M20/M30 at 380/450 kg per cum 4. coarse and fine aggregate conforming to IS 380, maximum size of coarse aggregate not exceeding 25mm, mixed in a ratio of not less than 0.6 cum 5. concrete and appropriate weigh batcher as per drawing 6. this design, laid in approved formwork (steel channel, laying of 125 micron thick polythene sheet, steel plates including leveling work as per drawing.), spreading concrete with shovels, rakers, screed using needle, screed and plate finish and finished in a continuous manner including provision of expansion, construction and separation joints, joint filler, separation joint sealant primer, joint sealant, concrete as approved curing compound, curing lines and grade as per drawing 7. concrete as per specification M30(at 380 kg per cum coarse aggregate @ 0.46cum)	Cum							
Approach to LBS Nagara near chrysalis school				AV				
		1	30.00	(6.5+6.3)/2	0.10	19.20		
		1	30.00	(6.3+6.3)/2	0.10	18.90		
		1	30.00	(6.3+6.4)/2	0.10	19.05		
		1	30.00	(6.4+6.5)/2	0.15	29.03		
		1	30.00	(6.5+6.4)/2	0.10	19.35		
		1	30.00	(6.4+6.4)/2	0.10	19.20		
		1	30.00	(6.4+6.0)/2	0.10	18.60		
		1	18.00	(6.0+6.3)/2	0.10	11.07		1007889-
						154.40	6527.78	1007857.00
1. Vacuum De- writing with vacuum pump and suction 2. and compaction with skin roller dubbed with floating disc including cost of generator, HOM of machinery 3. Vibratory Power Rollerblade and disc etc. with all lead and lift. Page No 22.7 SR 2016-	Sqm							
Approach to LBS Nagara near chrysalis school				AV				
		1	30.00	(6.5+6.3)/2		192.00		
		1	30.00	(6.3+6.3)/2		189.00		
		1	30.00	(6.3+6.4)/2		190.50		
		1	30.00	(6.4+6.5)/2		193.50		
		1	30.00	(6.5+6.4)/2		193.50		
		1	30.00	(6.4+6.4)/2		192.00		
		1	30.00	(6.4+6.0)/2		186.00		
		1	18.00	(6.0+6.3)/2		110.70		
						1447.20	100.12	144894.00

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing groove cutting for width of 5mm to 100m depth Item-100 including cost of using machine, generator & cost of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot bitumen fillers, and filler metal etc. including cost of clearance of all materials, labor, lead and lift charges and all other incidental charges as per drawing and minor specifications. do- for concrete pavement Item no 100 Page No 178 SR 2016-	Rmt							
		9	6.40			57.60		
		9	6.30			56.70		
		9	6.35			57.15		
		9	6.45			58.05		
		9	6.45			58.05		
		9	6.40			57.60		
		9	6.20			55.80		
		5	6.15			30.75		
						431.70	127.90	55214.00
							Total	2610506.00
								26,10,875-00

Ramangeemah AR

24/02/18

Asst. Executive Engineer
Project Division.
Velahanka Zone
Bangalore